

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandris, Vignis 22313-1450 www.uspto.gov

**CONFIRMATION NO. 1006** 

| SERIAL NUMB<br>10/602,743  |       |                         | CLASS<br>375 |                 | GROUP ART UNIT<br>2611 |   |  | ATTORNEY<br>DOCKET NO.<br>MH-5145 |                            |
|--|-------|-------------------------|--------------|-----------------|------------------------|---|--|-----------------------------------|----------------------------|
| APPLICANTS  Andreas Molisch, Arlington, MA; Yunnan Wu, Princeton, NJ; Sun Y. Kung, Princeton, NJ;  *** CONTINUING DATA ********************************  This appln claims benefit of 60/451,577 03/03/2003  *** FOREIGN APPLICATIONS ************************************   |       |                         |              |                 |                        |   |  |                                   |                            |
| The state of the s |       |                         |              |                 |                        | ETS TOTAL CLAIMS 22   |  | MS                                | INDEPENDENT<br>CLAIMS<br>2 |
| ADDRESS Patent Departme Mitsubishi Electric 201 Broadway Cambridge, MA0  | c Res | earch Laboratories, Inc | . ·          |                 |                        |   |  |                                   |                            |
| TITLE System and meth  | od fo | r shaping ultra wide ba | ndwidth      | signal spectrui | m                      |   |  |                                   | *                          |
| FILING FEE<br>RECEIVED<br>916  |       |                         |              |                 | ,<br>NT                | All Fees  1.16 Fees (Filing)  1.17 Fees (Processing Ext. of time)  1.18 Fees (Issue)  Other  Credit |  |                                   |                            |